

LEAVING A LEGACY

West Kowloon Terminus Station, Hong Kong



West Kowloon Terminus Station

Hong Kong

Architect:

Aedas

Completion: 2018

Products:

PERMAROCK® Cement Board Indoor

Type of building:

Public Building - High Speed Terminal Station

Application area:

2,000 m² PERMAROCK®
Cement Board Indoor

In 2018, one of the largest high-speed railway stations in the world opened in Hong Kong - the West Kowloon Terminus Station. With its approximately 400,000 square metres of space, the station serves as a new gateway to mainland China and connects all the way to Beijing via the national rail network.

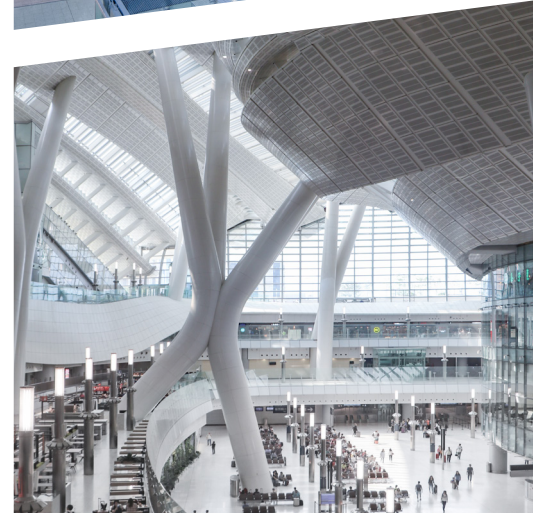
WEST KOWLOON TERMINUS STATION

The station's unique design is characterised by the striking 4,000 glass panels that form the huge, undulating roof, and offers views of the Hong Kong Central skyline and Victoria Peak. The architects from Aedas have also created a stunning and memorable atmosphere inside the station due to the high ceiling and sloping steel columns that support the roof. The detail-oriented design runs through every room of the station.

The desire to create a building of the highest quality also extended to the choice of building materials employed, and great care was therefore taken to ensure that durable and impact-resistant materials were used. As such, when designing the wet rooms (toilets) and detention rooms, the architects opted for the proven PERMAROCK® Technology and the PERMAROCK® Cement Board Indoor.

The PERMAROCK® Cement Board Indoor consists of aggregated Portland cement with a coated glass fibre mesh embedded on the back and front surfaces. This structure ensures the boards are robust and reliable, while also boasting world class high-impact resistance and sound insulation properties. The material is also 100% water-resistant and mould- and mildew-resistant, making it ideal for use in wet and humid areas. In addition, its 1 m bending radius makes it easy to create spectacular designs, including curved wall constructions. The PERMAROCK® Cement Board Indoor also supports tiles of up to 50 kg/m² and can achieve a surface quality up to Q4 level.

PERMAROCK® is a leading premium cement board that is helping to change how the world builds, and the ways buildings look and perform.



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